

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13806-003001	Application No. 09/707,105
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Jonathan L. Rolfe et al.	
		Filing Date November 6, 2000	Group Art Unit 1764
(37 CFR §1.98(b))			

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>JAL</i>	AA	3,759,986	09/18/73	Cregor et al.	260	488	
<i>JAL</i>	AB	5,468,880	11/21/95	Ueno et al.	549	263	
<i>JAL</i>	AC	5,707,499	01/13/98	Joshi et al.	204	228	
<i>JAL</i>	AD	5,867,978	02/09/99	Klanchar et al.	60	39.182	
<i>JAL</i>	AE	3,975,913	08/24/76	Brickson	60	645	
<i>JAL</i>	AF	3,674,702	07/04/72	MacKenzie et al.	252	188	
<i>JAL</i>	AG	3,649,360	03/14/72	Bloomfield	136	86C	
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (Include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature Jennifer A. Leung	Date Considered January 14, 2004
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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date if Appropriate
JAL	AA	4,769,225	09/06/1988	Reilly et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
JAL	AB	JP 6-174196	06/24/1994	Japan			X	
JAL	AC	JP 7-172801	07/11/1995	Japan			X	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
JAL	AD	Breault, Ronald W. et al., "Hydrogen For a PEM Fuel Cell Vehicle Using A Chemical-Hydride Slurry", 218 th American Chemical Society Division of Fuel Chemistry Symposium, New Orleans, LA, August 22-26, 1999
JAL	AE	Breault, Ronald W. et al., "Advanced Chemical Hydrogen Generation/Storage System For PEM Fuel Cell Vehicles", Thermo Power Corp., Peer Review Report to DOE 4/21/00
JAL	AF	Breault, Ronald W. et al., "Hydrogen Transmission/Storage with a Metal Hydride/Organic Slurry", Thermo Power Corp., Peer Review Report to DOE 4/21/00
JAL	AG	Breault, Ronald W. et al., "Hydrogen Transmission/Storage with a metal Hydride/Organic Slurry", Thermo Power Corp., Peer Review Report to DOE 4/8/99
JAL	AH	Breault, Ronald W. et al., "Advanced Chemical Hydrogen Generation/Storage System For PEM Fuel Cell Vehicles", Thermo Power Corp., Peer Review Report to DOE 4/13/99
JAL	AI	Breault, Ronald W. et al., "Hydrogen Storage Canisters for DOD Fuel Cell Applications Utilizing Chemical Hydrides," June 13, 2000, presentation slides
JAL	AJ	Breault, Ronald W. et al., "Advanced Chemical Hydride-Based Hydrogen Generation/Storage System for Fuel Cell Vehicles", Proceedings of the 1998 U.S. DOE Hydrogen Program Review
JAL	AK	Breault, Ronald W. et al., "Sustainable Hydrogen for the Hydrogen Economy," 218 th American Chemical Society Division of Fuel Chemistry Symposia, New Orleans, LA, August 22-26, 1999, Volume 44, No. 4
JAL	AL	Breault, Ronald W. et al., "Hydrogen Production and Storage with Chemical Hydride Slurry for Energy in the 21 st Century", 25 th International Tech. Conf. On Coal Utilization & Fuel Systems, Clearwater, FL, March 6-9, 2000
JAL	AM	Breault, Ronald W. et al., "Hydrogen For A PEM Fuel Cell Vehicle Using A Chemical-Hydride Slurry", Proceedings of the 1999 U.S. DOE Hydrogen Program Review
JAL	AN	Breault, Ronald W. et al., "Hydrogen for the Hydrogen Economy", 24 th Coal Utilization and Fuel System Conference, Clearwater, FL, March 8-11, 1999
JAL	AO	Breault, Ronald W. et al., "Hydrogen Transmission/Storage with a Chemical Hydride/Organic Slurry", Proceedings of the 1999 U.S. DOE Hydrogen Program Review
JAL	AP	Breault, Ronald W. et al., "Hydrogen Transmission/Storage with a Chemical Hydride/Organic Slurry", 9 th Canadian Hydrogen Conference, Vancouver, B.C., February 7-10, 1999

Examiner Signature

Jennifer A. Leung

Date Considered

January 14, 2004

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Substitute Form PTO-1576 (Modified)
U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
13806-003001Application No.
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Applicant
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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
JAL	AQ	Bresalt, Ronald W. et al., "Hydrogen Transmission/Storage with a Metal Hydride/Organic Slurry, PP002-98, 20 pp.
JAL	AR	Holstvoogd, R.D., et al., "Continuous Absorption of Hydrogen in Metal Hydride Slurries", International Journal of Research in Physical Chemistry and Chemical Physics 164:1429-1434, 1989
JAL	AS	Kim, K.J. et al., "Cooling and Power Efficiency Diagrams for Compressor-Driven, Metal-Hydride Slurry Air Conditioners", Energy 22(8):787-796, 1997
JAL	AT	Kim, K.J. et al., "Heat-driven hydride slurry heat pumps", Int. J. Refrig. 20(5):339-351, 1997
JAL	AU	McClaine, Andrew W. et al., "Hydrogen (H ₂) Transmission/Storage with Chemical Hydride Organic Slurry - Thermo Power Corporation," August 31, 2000
JAL	AV	McClaine, Andrew W. et al., "Hydrogen Storage Using Slurries of Chemical Hydrides", Submission for "Advances in Hydrogen Energy", January 6, 1980, 17 pp.
JAL	AW	McClaine, Andrew W. et al., "Chemical Hydride Slurry for Hydrogen Storage", The Third Annual BCC Conference: Fuel Cells and the Hydrogen Infrastructure, Business Communications Co., Inc., Stamford, CT, March 31 - April 1, 2003
JAL	AX	Ptasinsky, K.J. et al., "Hydrogen Recovery from Gas Mixtures Using Metal Hydrides Suspended in Slurry", Commission of the European Communities, January 1, 1982-December 31, 1983
JAL	AY	"Advanced Chemical Hydride-Based Hydrogen Generation/Storage System for PEM Fuel Cell Vehicles", Final Report, Period: October 1997 - June 2000, Submitted March 2001
JAL	AZ	"Advanced Chemical Hydride-Based Hydrogen Generation/Storage System for PEM Fuel Cell Vehicles", Quarterly Report: 9, October 1999 - December 1999, Submitted January 25, 2000
JAL	AAA	FY2000, "Hydrogen (H ₂) Transmission/Storage with Metal Hydride Organic Slurry - Thermo Power Corporation", September 3, 1999
JAL	ABB	AOP FY2001, "Hydrogen (H ₂) Transmission/Storage with Chemical Hydride Organic Slurry - Thermo Power Corporation", August 31, 2000
JAL	ACC	AQMD, "Generating Pure Hydrogen Fuel Onboard Vehicles Using A Chemical Hydride Slurry System", Phase 2 Final Report, Submitted September 28, 2000
JAL	ADD	Canister Program Final Report, "Lithium Hydride Hydrogen Canister for DOD Fuel Cell Application", Thermo Power Corporation, January 12, 2000, 14 pp.
JAL	AEE	"Development and Demonstration of Advanced Hydrogen Fuel Storage System Using Chemical Hydride Slurry System", Phase 1 Technical Overview Report, Period: October 1997 - September 1998, Submitted July 29, 1999
JAL	AFF	"Development of Hydrogen Transmission/Storage with a Metal Hydride/Organic Slurry", Phase 1 Summary Report, April 1998
JAL	AGG	"VII. Hydrogen Storage. B. Advanced Chemical Hydride Hydrogen Generation/Storage System for PEM Fuel Cell Vehicles", Fuel Cells for Transportation, FY 1999 Contractor's Progress Report
JAL	AHH	FY2000 Contractor's Progress Report, Advanced Chemical Hydride Hydrogen Generation/Storage System for PEM Fuel Cell Vehicles
JAL	AII	"Hydrogen Transmission/Storage with a Chemical Hydride/Organic Slurry", Final Report, Period: April 1997 - October 2000, Submitted: March 2001
JAL	AJJ	Chemical/Hydrogen Energy Systems: 1987 Annual Report

Examiner Signature

Jennifer A. Leung

Date Considered

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Supplemental Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Jonathan L. Rolfe et al.	
(37 CFR §1.88(b))		Filing Date November 6, 2000	Group Art Unit 1764

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
JAL	AKK	Search Report, "Abstracts/KWIC of Publications containing the Keywords 'Hydride Slurry'", (Safe Hydrogen Documents) 1967-2001, 12 pp.
JAL	ALL	Search Report, "Abstracts of US and Foreign Patents/Publications Containing the Keywords 'Hydrogen? (20N) Hydride? (5N) Slurry'", (Safe Hydrogen Documents) 1963-2001, 126 pp.

Examiner Signature <i>Therese A. Leung</i>	Date Considered <i>January 14, 2004</i>
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Substitute Disclosure Form (PTO-1449)